

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT:
(Use several sheets if necessary)ATTY. DOCKET # 16026-9038
SERIAL NO.: 09/475,958
APPLICANT: Bitner et al.
FILING DATE: Herewith
GROUP: 1655FAX RECEIVED
NOV 13 2000
PETITIONS OFFICE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Bx A</i>	AA	5,389,449	02/14/95	Afeyam et al.			
	AB	5,582,988	12/10/96	Backus et al.			
	AC	5,346,994	09/13/94	Chomczynski			
	AD	4,767,670	08/30/88	Cox et al.			
	AE	5,316,680	05/31/94	Frechet et al.			
	AF	5,155,018	10/13/92	Gillespie et al.			
	AG	5,783,686	07/21/98	Gonzalez, D.			
	AH	5,057,426	10/15/91	Henco et al			
	AI	5,728,822	03/17/98	Macfarlane, D.			
	AJ	4,699,717	10/13/87	Riesner et al.			
	AK	6,027,945	02/22/00	Smith et al			
	AL	5,076,950	12/31/91	Ullman et al.			
	AM	3,652,761	03/28/72	Weetall, H.			
	AN	4,695,393	09/22/87	Whitehead et al.			
	AO	5,610,274	03/11/97	Wong, Y.			
	AP	5,898,071	04/27/99	Hawkins, T.			
<i>Bx A</i>	AQ	6,117,398	09/12/00	Bienhaus et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>Bx A</i>	AR	EP 0757106A2	02/05/97	Europe			
	AS	WO 83/03363	10/13/83	PCT			
	AT	WO 95/06652	03/09/95	PCT			
	AU	CA 2223821	06/06/96	Canada			
	AV	WO 97/29825	08/21/97	PCT			
	AW	JP 9327290	12/22/97	Japan			X
	AX	JP 9327291	12/22/97	Japan			X
	AY	WO 98/31461	07/23/98	PCT			
	AZ	DE 195 12 368 A1	10/02/96	Germany			X
	BA	EP 0 741 141 A2	11/06/96	Europe			
<i>Bx A</i>	BY	WO 96/31781	10/10/96	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Bx A BB Anspach, "High-Performance Liquid Affinity Chromatography with Phenylboronic Acid, Benzamidine, Tri-L-alanine, and Concanavalin A Immobilized on 3-Isothiocyanatopropyltriethoxysilane-Activated Nonporous Monodisperse Silicas",

EXAMINER *B. L. Sison*

DATE CONSIDERED

3/12/01

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<i>371</i>	BC	Ausubel et al., <i>Current Protocols in Molecular Biology</i> , Ch. 2 (DNA), Ch. 4 (RNA)
	BD	Bishoff et al., "Chemically Synthesized Hydrophobic Anion-Exchange High-Performance Liquid Chromatography Supports Used for Oligonucleotide Resolution By Mixed Mode Chromatography", <i>J. Chromatog.</i> (1983) 270:117-126.
	BE	Bishoff et al., "Nucleic Acid Resolution By Mixed-Mode Chromatography", <i>J. Chromatog.</i> (1984) 296:329-337.
	BF	Boom et al., "Rapid and Simple Method for Purification of Nucleic Acids", <i>J. Clin. Microbiol.</i> , (1990) 28:495-503
	BG	Crowther et al., "High-Performance Liquid Chromatographic Separation of Oligonucleotides and Other Nucleic Acid Constituents on Multifunctional Stationary Phases", <i>J. Chromatog.</i> (1983) 282:619-628.
	BH	Edwardson et al., "Separation and purification of oligonucleotides using a new bonded-phase packing material", <i>J. Chromatog.</i> (1991) 545:79-89.
	BI	Figueroa et al., "High-Performance Immobilized-Metal Affinity Chromatography of Proteins on Iminodiacetic Acid Silica-Based Bonded Phases", <i>J. Chromatog.</i> (1986) 371:335-352.
	BJ	Floyd et al., "Mixed-Mode Hydrophobic Ion Exchange for the Separation of Oligonucleotides and DNA Fragments Using HPLC", <i>Analytical Biochemistry</i> (1986) 154:570-577.
	BK	Gjerd et al., <i>Ion Chromatography</i> , Ch. 3, Dr. Alfred Hohig Verlag Heidelberg (1987) 2nd Ed.
	BL	Goldsborough et al., "High Purity Plasmid DNA from Anion Exchange Chromatography", <i>Focus</i> (1998) Vol. 20 No. 3.
	BM	Jost et al., "Application of a Weakly Basic Dimethylamino-Modified Silica Ion Exchanger to the Separation of oligonucleotides", <i>J. Chromatog.</i> 185 (1979) 403-412.
	BN	Kirk-Othmer, <i>Encyclopedia of Chemical Technology</i> , (1993) Vol 6, 4th ed., pp. 773-775.
	BO	Kleiber et al., Database CAS online AN 126:86772 9 pp. Abstract
	BP	Maa et al., "Rapid high-performance liquid chromatography of nucleic acids with polystyrene-based micropellicular anion exchangers", <i>J. Chromatog.</i> (1990) 508:61-73
	BQ	Macherey-Nagel, Macherey-Nagel homepage on the Internet on 6/12/98, at http://www.machrey-nagel.com .
	BR	Marko et al., "A Procedure for the Large-Scale Isolation of Highly Purified Plasmid DNA Using Alkaline Extraction and Binding to Glass Powder", <i>Anal. Biochem.</i> (1982) 121:382-387
<i>371</i>	BS	McLaughlin, L., "Mixed-Mode Chromatography of Nucleic Acids", <i>Chem Rev</i> (1989) 89: 309-319.

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R. J. Sison

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<i>B7f</i>	BT	Northrop, <i>et al.</i> , "Preparation and Evaluation of a Bimodal Size-Exclusion Chromatography Column Containing a Mixture of Two Silicas of Different Pore Diameter", <i>Anal. Chem.</i> (1991) 63:1350-1354.
	BU	QuantiBlot, QuantiBlot Human DNA Quantitation System, PE Applied Biosystems, 2/5/96, page 1-5 (http://www.pebio.com/fo/773503/773503.html)
	BV	Uematsu <i>et al.</i> , Database CAS online AN 126:182277 9 pp. Abstract (EP O 757 106 A2)
	BW	Vogelstein <i>et al.</i> , "Preparative and Analytical Purification of DNA from Agarose", <i>Proc. Natl. Acad. Sci.</i> (1979) Vol. 76, No. 2:615-619
<i>B7g</i>	BX	Waterborg <i>et al.</i> , "Efficient large-scale purification of restriction fragments by solute-displacement ion-exchange HPLC", <i>Nucleic Acids Research</i> (1993) Vol. 21, No. 12:2913-2915.

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11/08/00

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B. J. Sisson

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5/12/01

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